Bruhath Bangalore Mahanagara Palike

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

Item No:

"Schedule-B"

Name of the Work:- Providing Aerial Bunch Cable and additional Street lighting to major roads by using released tubular poles to Byatarayanpura Constituency area in Ward No-5 to 11

Sl. No.	Approved Qty	Description	Unit	Approved Rates		Amount
				in Figures	In Words	
1	23600	Fabricating supplying and and mounting MS box made out ..... SWG suitable for floor/ wall mounting , fully weather proof with provision for better heat dissipation, provided with hinged fron cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., compleate , b) 16SWG,	Sqcm	0.31	Rupees And Paise Thirty One Only	7293.46
2	1	Supplying and fixing Microprocessor based Astronomical timer switch with using necessary bolts, nuts and washers etc.,	Each	7037.80	Rupees Seven Thousand Thirty Seven And Paise Eighty Only	7037.80
3	3	Supplying and fixing of 4 pole power contactor with NO/ NC contacts on existing wood/panel board using necessary bolts,nuts,washers and wiring etc,complete.with AC-3 rating as per IS-13947,c) 60-70 Amps ,	Each	3619.57	Rupees Three Thousand Six Hundred Nineteen And Paise Fifty Seven Only	10858.72
4	3	Supplying and fixing Miniature circuit breakers over the existing MCB distribution boards using necessary fixing materials and 'C' type curve,indicator On/OFF Energy cross - 3 with short circuit breaking capacity of 10K and complete wiring as required. Make: ABB, Seimens, Legrand, L&T, MG f) 40-63 Amps TPN 1) Group 'A'	Each	1400.07	Rupees One Thousand Four Hundred And Paise Seven Only	4200.20
5	1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal Magnetci Microprocessed release and Earth Fault as per IS-13947. (Icu=Ics)THREE POLE a) 100 Amps 25 kA,1) Group 'A'	Each	3427.59	Rupees Three Thousand Four Hundred Twenty Seven And Paise Fifty Nine Only	3427.59
6	3	Supplying and fixing of porcelain fuse channel with cut out on existing wooden/panel using necessary nuts bolts and washer etc, complete c) 63 Amps	Each	205.09	Rupees Two Hundred Five And Paise Nine Only	615.28
7	1	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc d. 35 Sqmm	Each	293.12	Rupees Two Hundred Ninety Three And Paise Twelve Only	293.12
8	10	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	Rmtr	224.76	Rupees Two Hundred Twenty Four And Paise Seventy Six Only	2247.60
9	75	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Class I. Class 'A' PVC Cable d) 4 core 16sqmm	Per Mtr	140.48	Rupees One Hundred Forty And Paise Forty Eight Only	10535.63

	30	f) 3.5 core 35sqmm	Per Mtr	234.13	Rupees Two Hundred Thirty Four And Paise Twelve	7023.75
10	75	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct. a) 6sqmm to 16 sqmm	Rmtr	7.49	Rupees Seven And Paise Forty Nine Only	561.90
	30	b) 25 sqmm to 75 sqmm	Rmtr	10.30	Rupees Ten And Paise Thirty Only	309.05
11	80	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB 1-2, P-7)b. In hard Soil	Rmtr	46.83	Rupees Forty Six And Paise Eighty Two Only	3746.00
12	100	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring.I Group A .c) 2.5 sqmm	Per Mtr	23.41	Rupees Twenty Three And Paise Forty One Only	2341.25
13	1	Supplying and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and shall be mounted on Octogonal pole using necessary bolts, nuts, etc., complete. b) Single Arm Bracket with 1500 mm Standard	Each	2060.30	Rupees Two Thousand Sixty And Paise Thirty Only	2060.30
14	5	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class . a. 40 mm	Rmtr	224.76	Rupees Two Hundred Twenty Four And Paise Seventy Six Only	1123.80
15	8	Supplying and fixing of HPSV lamps on existing fitting mounted on tubular pole c)250 Watts	No	757.63	Rupees Seven Hundred Fifty Seven And Paise Sixty Three Only	6061.03
16	8	Supplying and fixing/replacement of ignitor suitable for 70 to 400 watts SV/MH fittings a) Group A	No	486.98	Rupees Four Hundred Eighty Six And Paise Ninety	3895.84
17	8	Supply and fixing of 400 Watts heavy duty open construction ferromagnetic copper ballast for HPMH lamps c)250 Watts 1. Group A	No	1109.75	Rupees One Thousand One Hundred Nine And Paise Seventy Five	8878.02
18	8	Casting of suitable foundation for the Octagonal Pole including designing and cost of all materials like Anchor plates,Template and washers labour charges, all other incidental charges etc,. complete as per specification and Drawing given in KPWD elect SR 2010-11(P.No 103) Detailed Calculation as per CIVIL SR items Enclosed.	Each	4616.70	Rupees Four Thousand Six Hundred Sixteen And Paise Seventy Only	36933.61
19	1	Hire Charges Components for Tractor 50 HP ,Sl no 20, Page No XXXIV, KPWD SR CIVIL 2010-11	Day	2097.76	Rupees Two Thousand Ninety Seven And Paise Seventy Six Only	2097.76
20	2	Hire Charges Components for Crane Charges ,Sl no 66, Page No XXXVI, KPWD SR CIVIL 2010-12	Day	2996.80	Rupees Two Thousand Nine Hundred Ninety Six And Paise Eighty Only	5993.60
21	8	Supplying and Fixing 4 Nos of 590 mm length High Yield Tensile Cold Rolled Pitched threads (680 N/sq mm) 27 mm Bolt dia (Mkt Rate)	Nos	1264.28	Rupees One Thousand Two Hundred Sixty Four And Paise Twenty Eight Only	10114.20
22	3250	LT 3 phase 5 wire Aerial Bunched Cable of size 3X25+1X16+1X25+1X35 sqmm (Standard Stock materials 2009-10) Rs 81450/ Kmt	P/Mtr	76.28	Rupees Seventy Six And Paise Twenty Eight Only	247903.26

	3250	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 50 Sq mm + 1X 16 sqmm + 1X 50 Sqmm + 1X 35 sqmm) 2.(3 X95) (for phase Conductor)+ (1X 50)(insulated messanger neutral)+(1X16)(Labour charges 2010-11) Rs 8961/Kmt	P/Mtr	8.39	Rupees Eight And Paise Thirty Nine Only	27270.88
24	230	Piercing connector suitable 16 Sqmm - 95 Sqmm AB cable service connections (Standard Stock materials 2010-11)	Nos	196.67	Rupees One Hundred Ninety Six And Paise Sixty Six Only	45232.95
25	6	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos	131.11	Rupees One Hundred Thirty One And Paise Eleven	786.66
26	115	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos	262.22	Rupees Two Hundred Sixty Two And Paise Twenty Two Only	30155.30
27	115	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos	79.60	Rupees Seventy Nine And Paise Sixty Only	9154.29
28	6	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos	79.60	Rupees Seventy Nine And Paise Sixty Only	477.62
29	230	Istallation of insulation piercing connector for main to street light Main: 16 -95 sqmm,Tap: 1.5-10 sqmm (EP 95)	Nos	37.46	Rupees Thirty Seven And Paise Forty Six Only	8615.80
30	100	Releasing and Refixing of SV: Fixing and wiring as SV/MV light fittings with suitable clamps brackets, lamps bolts and nuts using departmental material Labour charges for releasing of material shall be at 90 % of the cost of erection . Rate of fixing is Rs.306.00 =0.9 X 306.00=275.4 Bescom SR Labour Charges Sl.no-120 P.No- 13.15	Set	544.48	Rupees Five Hundred Forty Four And Paise Forty Eight Only	54448.11

I am prepared to take up the above work rates quoted in the Schedule 'B'

CONTRACTOR

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(ವಿದ್ಯುತ್) ಯಲಹಂಕ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ